



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

PGT Industries
P.O. Box 1529
Nokomis, FL 34274

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series PW-701 Aluminum Fixed Window

APPROVAL DOCUMENT: Drawing No. 4231, titled "Aluminum Fixed Window", sheets 1 through 8 of 8, prepared, signed and sealed by Robert L. Clark, P.E., dated 8/22/01, bearing the Miami-Dade County Product Control Revision Stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Non-Impact & Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

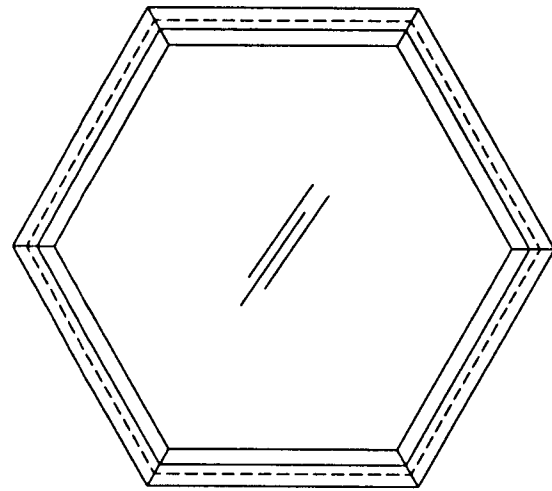
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises** NOA # 01-0102.01 and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Theodore Berman, P.E.**

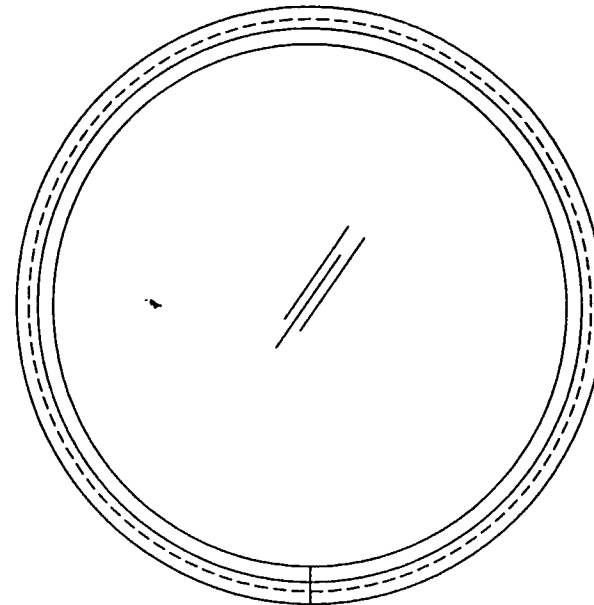


NOA No 02-0701.07
Expiration Date: September 13, 2006
Approval Date: July 12, 2002
Page 1



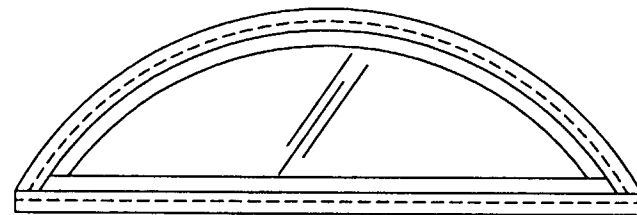
HEXAGON

60" BETWEEN FLATS
Maximum Area 21.65 sq. ft.



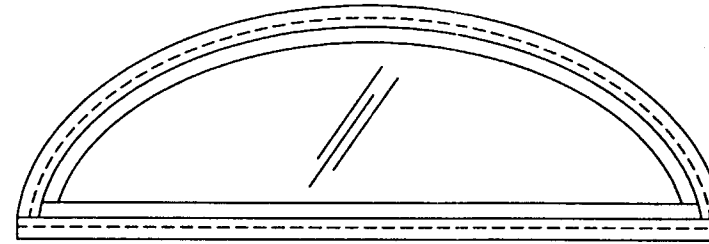
FULL CIRCLE

ø60"
Maximum Area 19.64 sq. ft.



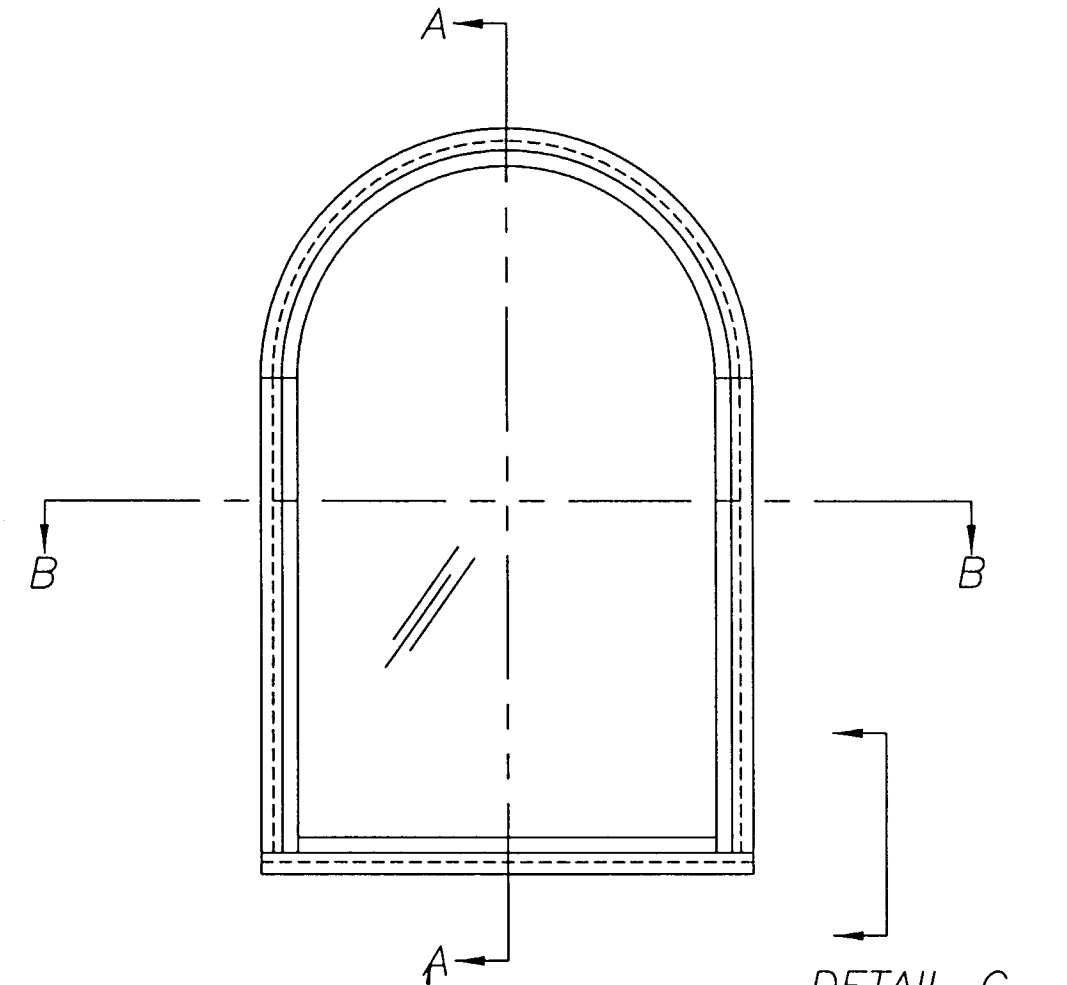
FAN

96" X 47"
Maximum Area 24.47 sq. ft.



ELLIPTICAL

96" X 47"
Maximum Area 24.61 sq. ft.



ARCH.

48" X 96"
Maximum Area 30.28 sq. ft.

DETAIL C
SEE SHT. 7

LARGE MISSILE IMPACT WINDOWS

- 1.) GLAZING: 7/16" LAMINATED W/INTERLAYER DUPONT BUCACITE PVB
- 2.) CONFIGURATIONS: 0
- 3.) DESIGN PRESSURE RATING:
+60.0 PSF & -60.0 PSF (3/16" HEAT STRENGTHENED/.090/3/16" HEAT STRENGTHENED LAMI)
+36.0 PSF & -36.0 PSF (3/16" ANNEALED/.090/3/16" ANNEALED)
- 4.) ANCHOR MAXIMUM SPACING: 12.000"
- 5.) NO SHUTTERS REQUIRED
- 6.) ALL FRAME JOINTS TO BE SEAM WELDED
- 7.) REFERENCE TEST REPORT: FTL-2797

R. L. Clark
8/22/01
Robert L. Clark, P.E.
PE #39712
Structural

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 02-0701.07
Expiration Date 09/13/06
By *Manuel Perez*
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE *SEP 13 2001*
BY *Manuel Perez*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO *01-0102-01*

PGI
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

Series/Model:
PW-701

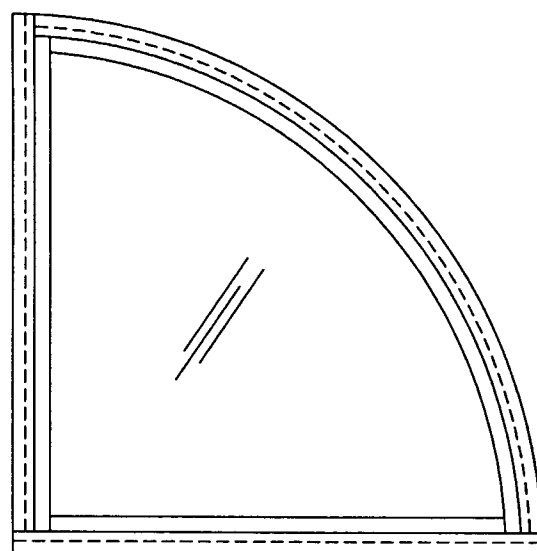
Scale:
NTS

Sheet:
1 of 8

Drawing No.
4231

Rev:
C

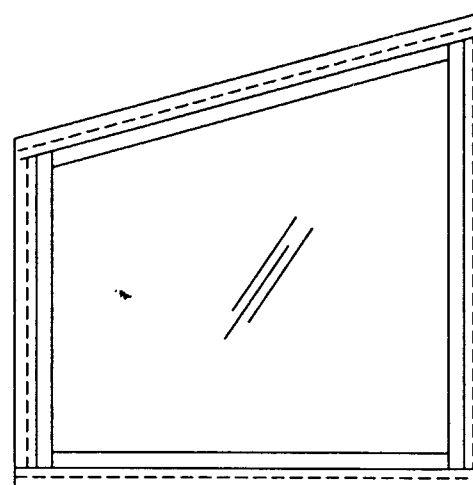
Revsd By:	Date:	Revisions:
Drawn By: F.K.	Date: 8/13/01	REDRAWN
Description: ELEVATIONS, 7/16 LAMINATED GLASS		
Title: ALUMINUM FIXED WINDOW		



QUARTER CIRCLE

68" X 68"

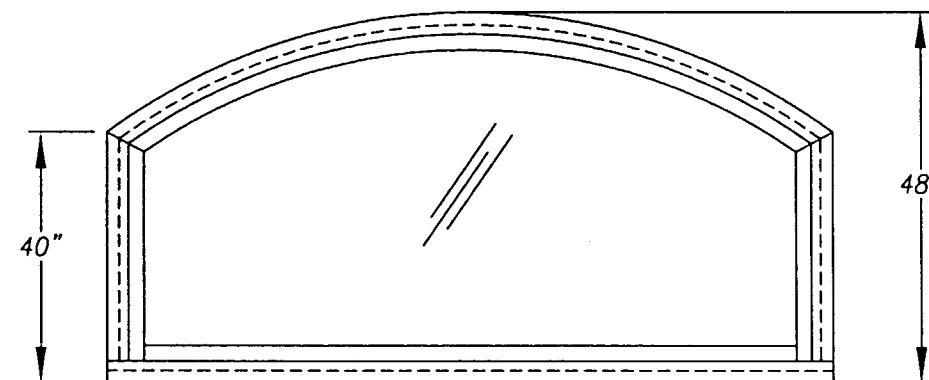
Maximum Area 25.22 sq. ft.



TRAPEZOID

48" x 96"

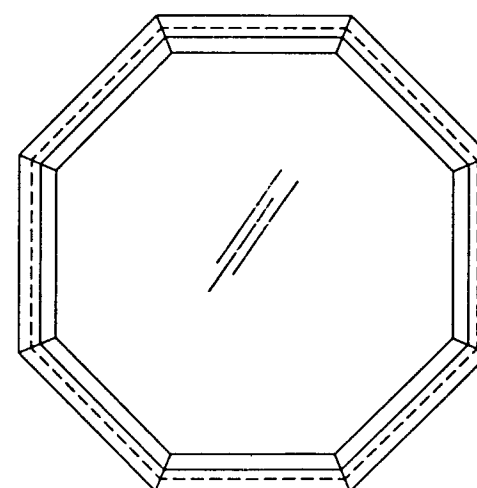
Maximum Area 30.28 sq. ft.



EYEBROW

96" x 48"

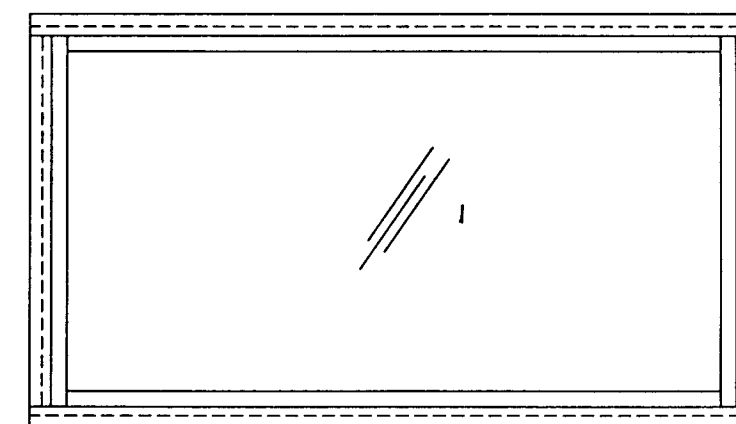
Maximum Area 30.24 sq. ft.



OCTAGON

60" x 60"

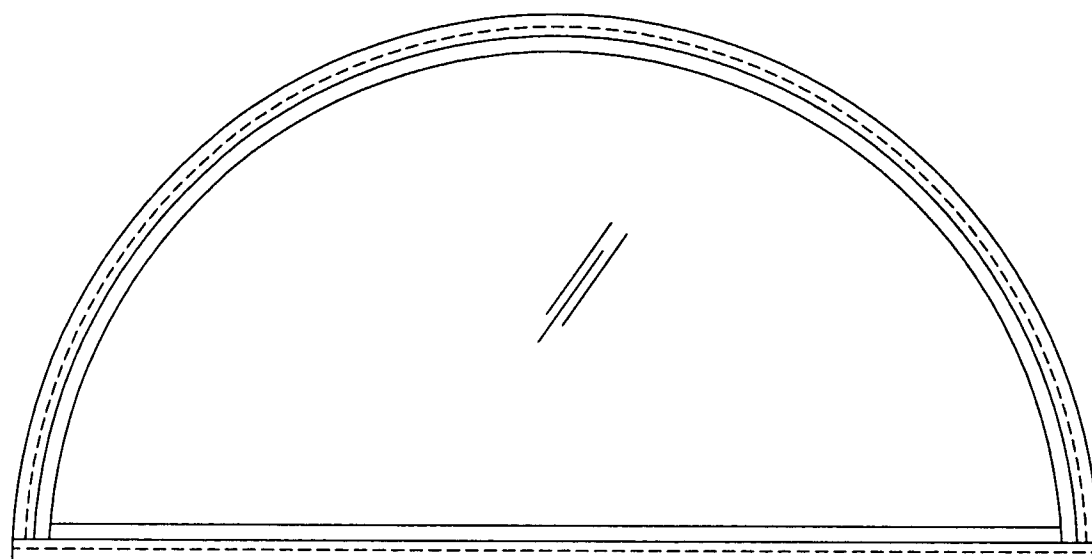
Maximum Area 20.71 sq. ft.



RECTANGLE

48" x 96"

Maximum Area 32.00 sq. ft.



HALF CIRCLE

96" x 48"

Maximum Area 25.13 sq. ft.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-0701.07
Expiration Date 09/13/06

By *Chlorine Korman*
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE *SEP 13 2001*
BY *Manuel Perez*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0102-01

LARGE MISSILE IMPACT WINDOWS CONT.

Robert L. Clark
8/22/01

Robert L. Clark, P.E.
PE #39712
Structural

PGT
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

Series/Model:
PW-701

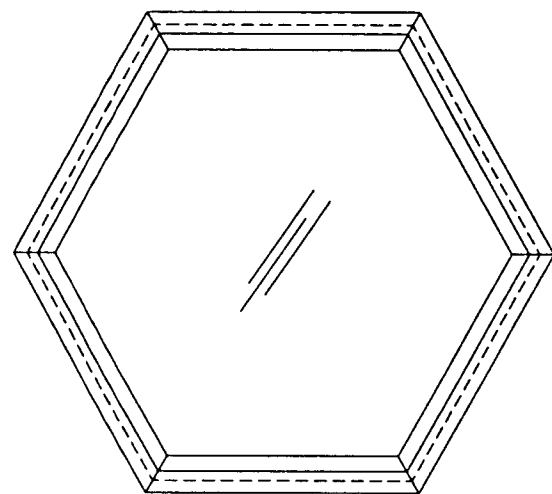
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Sheet:
2 of 8

Drawing No.
4231

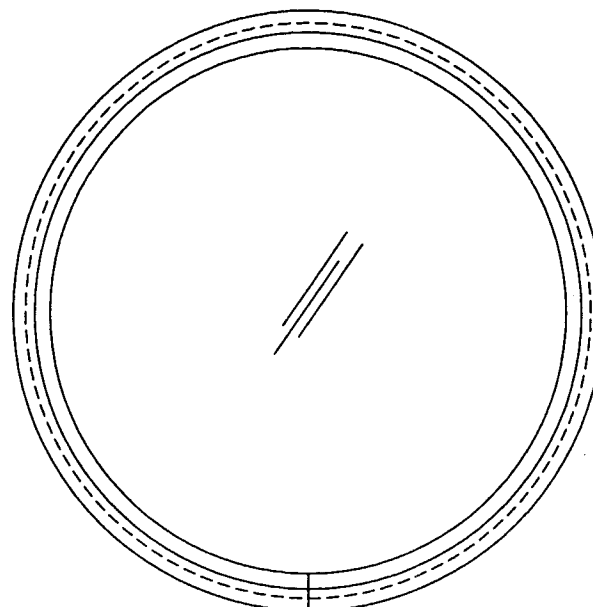
Rev:
C

Revsd By:	Date:	Revisions:
Drawn By: F.K.	Date: 8/13/01	REDRAWN
Description: ELEVATIONS, 7/16 LAMINATED GLASS		
Title: ALUMINUM FIXED WINDOW		



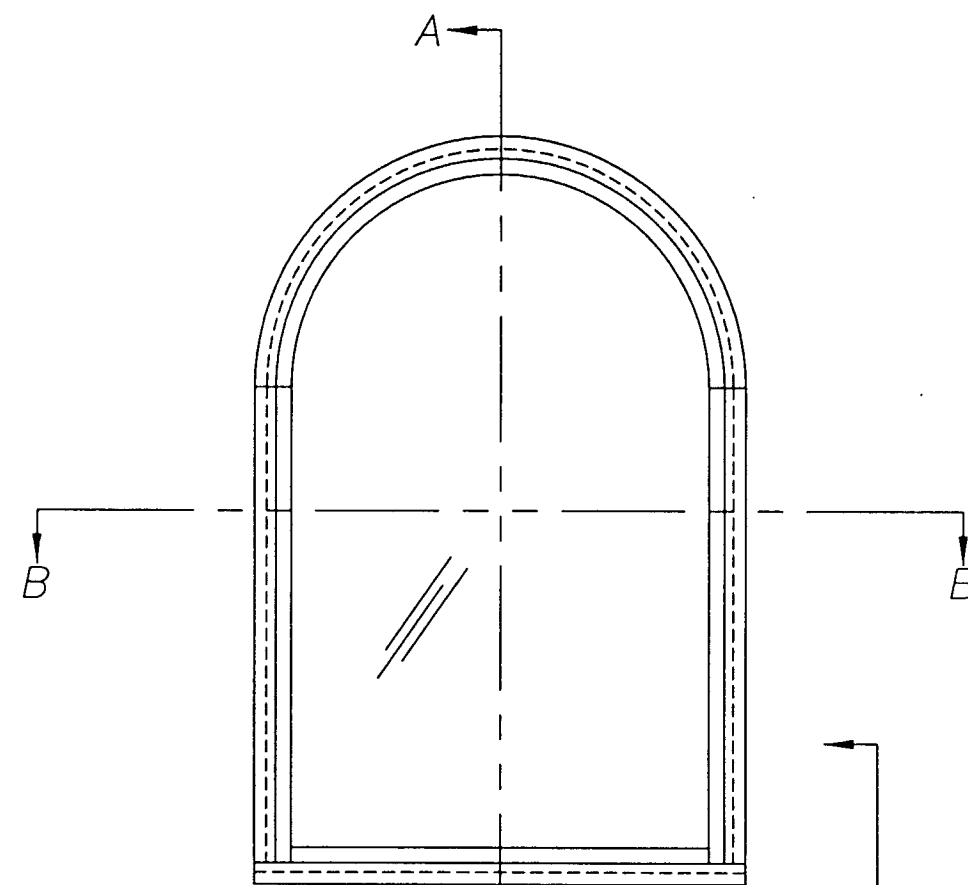
HEXAGON

60" BETWEEN FLATS
Maximum Area 21.65 sq. ft.



FULL CIRCLE

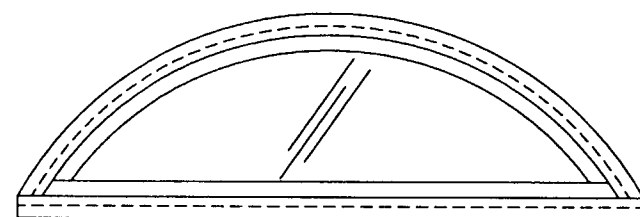
Ø60"
Maximum Area 19.64 sq. ft.



ARCH.

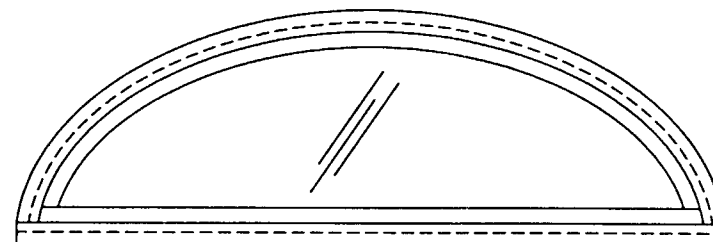
60" x 120"
Maximum Area 47.32 sq. ft.

DETAIL C
SEE SHT. 7



FAN

120" x 55"
Maximum Area 35.20 sq. ft.



ELLIPTICAL

120" x 48"
Maximum Area 31.46 sq. ft.

NON-IMPACT WINDOWS

- 1.) GLAZING: 3/16" TEMPERED
- 2.) CONFIGURATIONS: 0
- 3.) FOR DESIGN PRESSURE RATING SEE COMPARATIVE ANALYSIS ON SHT. 8 OF 8
- 4.) ANCHOR MAXIMUM SPACING: 12.000"
- 5.) SHUTTERS REQUIRED AT ALL INSTALLATIONS
- 6.) ALL FRAME JOINTS TO BE SEAM WELDED
- 7.) REFERENCE TEST REPORTS: FTL-2763, 2780 & 2816

Robert L. Clark
8/22/01

Robert L. Clark, P.E.
PE #39712
Structural

PGT
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

Series/Model:
PW-701

Scale:
NTS

Sheet:
3 of 8

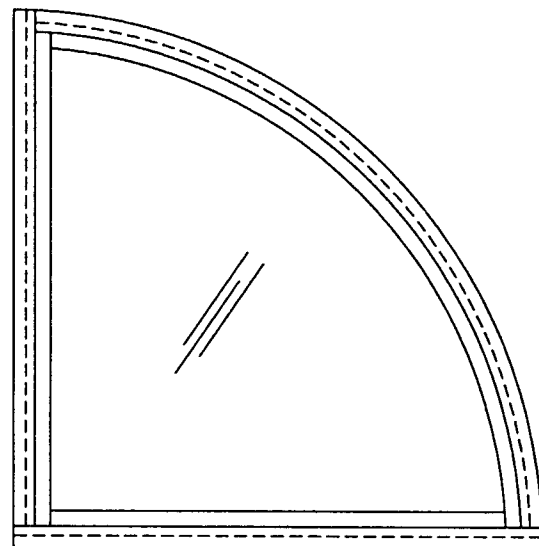
Drawing No.
4231

Rev:
C

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-0701.02
Expiration Date 09/13/06

By: *Maureen Herman*
Miami Dade Product Control
Division

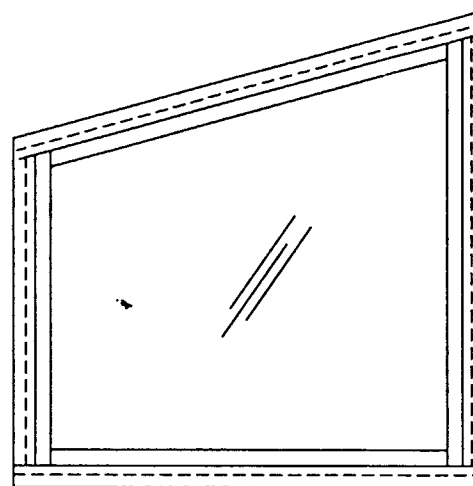
APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE SEP 13 2001
BY *Maureen Herman*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0102.01



QUARTER CIRCLE

68" x 68"

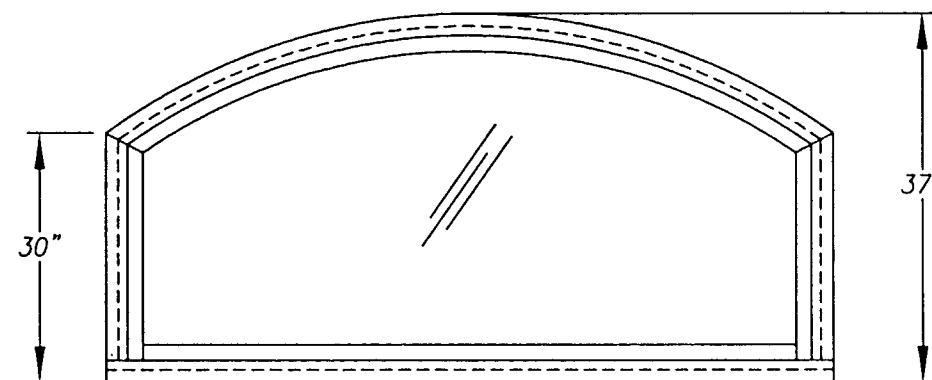
Maximum Area 25.22 sq. ft.



TRAPEZOID

60" x 120"

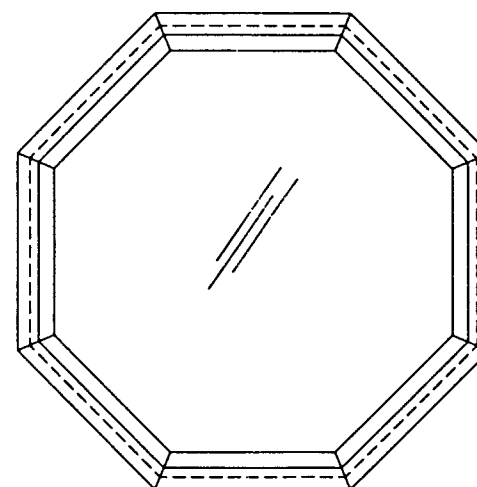
Maximum Area 43.75 sq. ft.



EYEBROW

74" x 37"

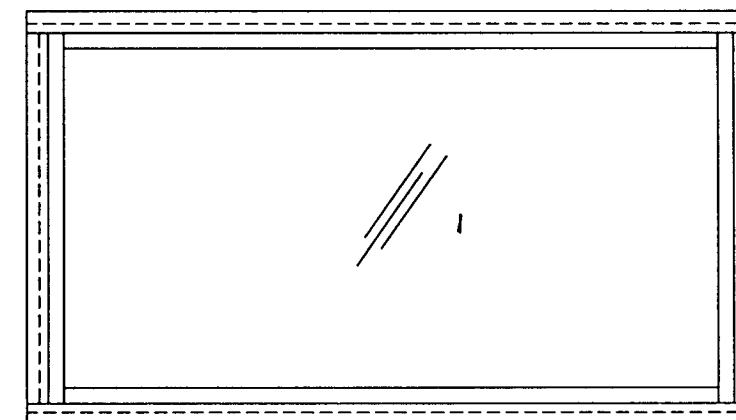
Maximum Area 17.83 sq. ft.



OCTAGON

60" x 60"

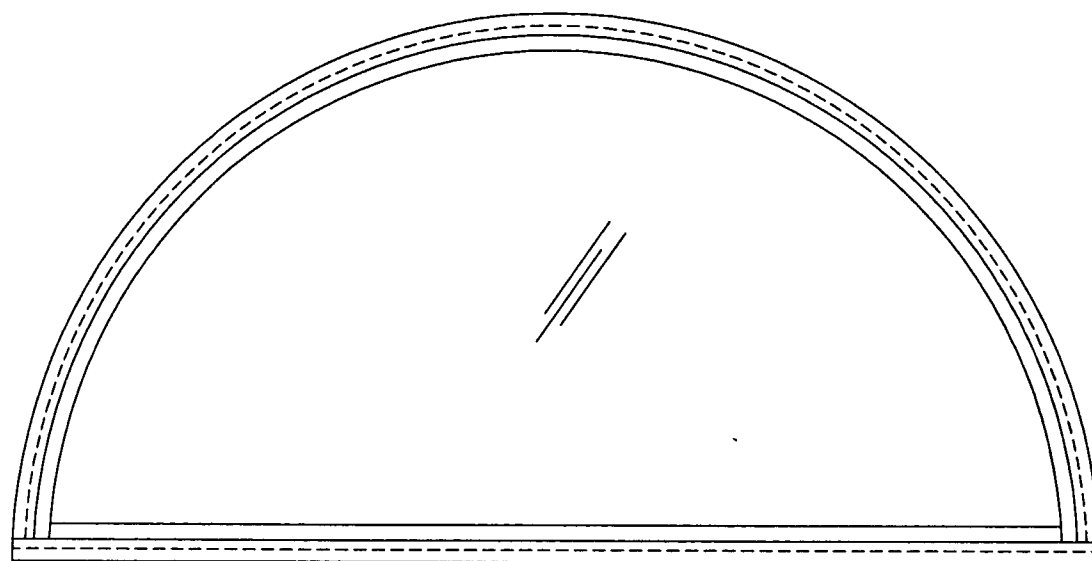
Maximum Area 20.71 sq. ft.



RECTANGLE

60" x 120"

Maximum Area 50.00 sq. ft.



HALF CIRCLE

120" x 60"

Maximum Area 39.27 sq. ft.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 02-0301.02
Expiration Date 09/13/06
By *Glenn Roman*
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE **SEP 13 2001**
BY *Manuel Ruiz*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0102-01

NON-IMPACT WINDOWS CONT.

Robert L. Clark
8/22/01

Robert L. Clark, P.E.
PE #39712
Structural

PGT
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

Drawn By: F.K.

Revsd By: Date:

Date: 8/13/01

Revisions:

REDRAWN

Description:

ELEVATIONS, 3/16 TEMPERED GLASS

Title:

ALUMINUM FIXED WINDOW

Series/Model:

PW-701

Scale:

NTS

Sheet:

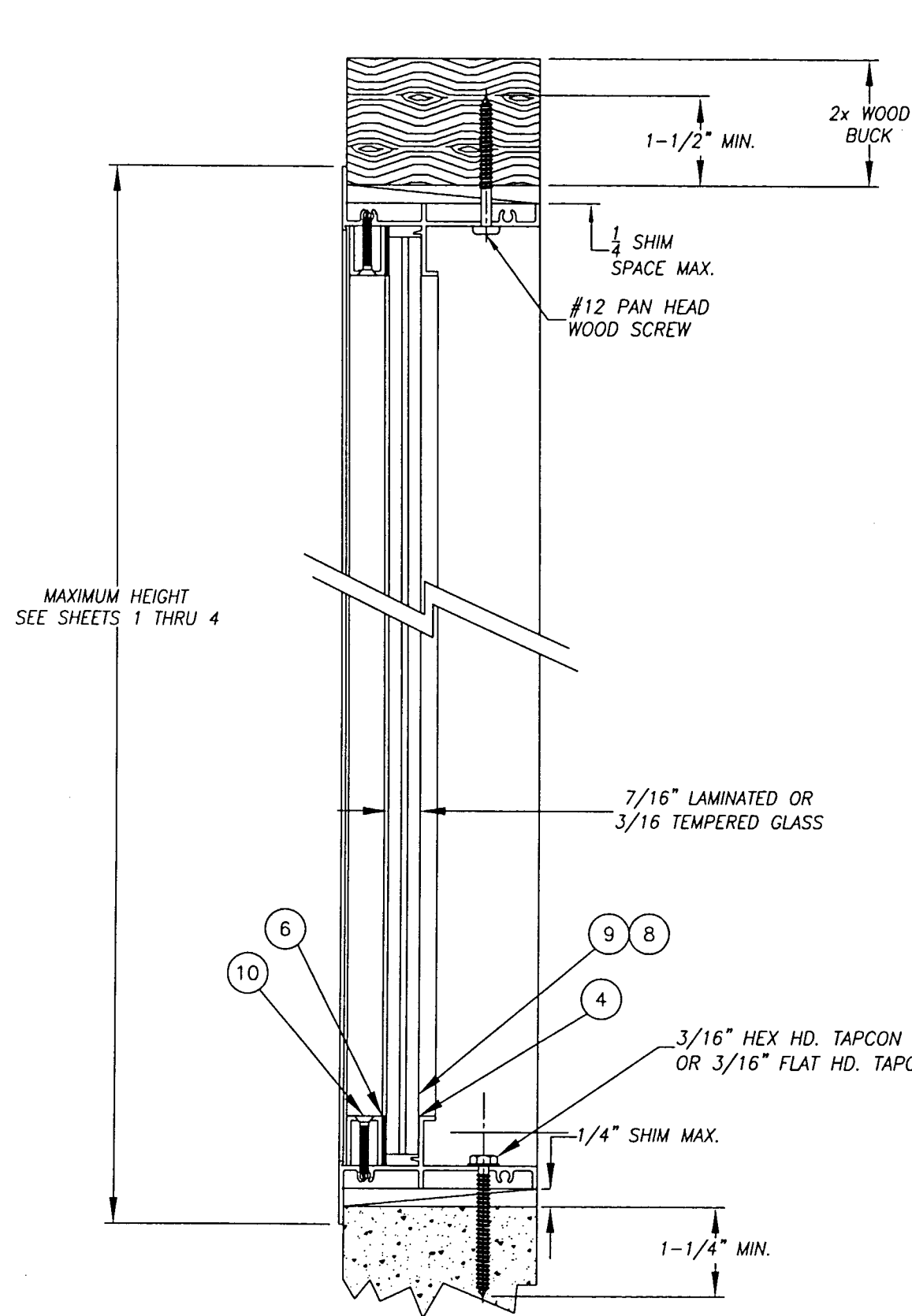
4 of 8

Drawing No.

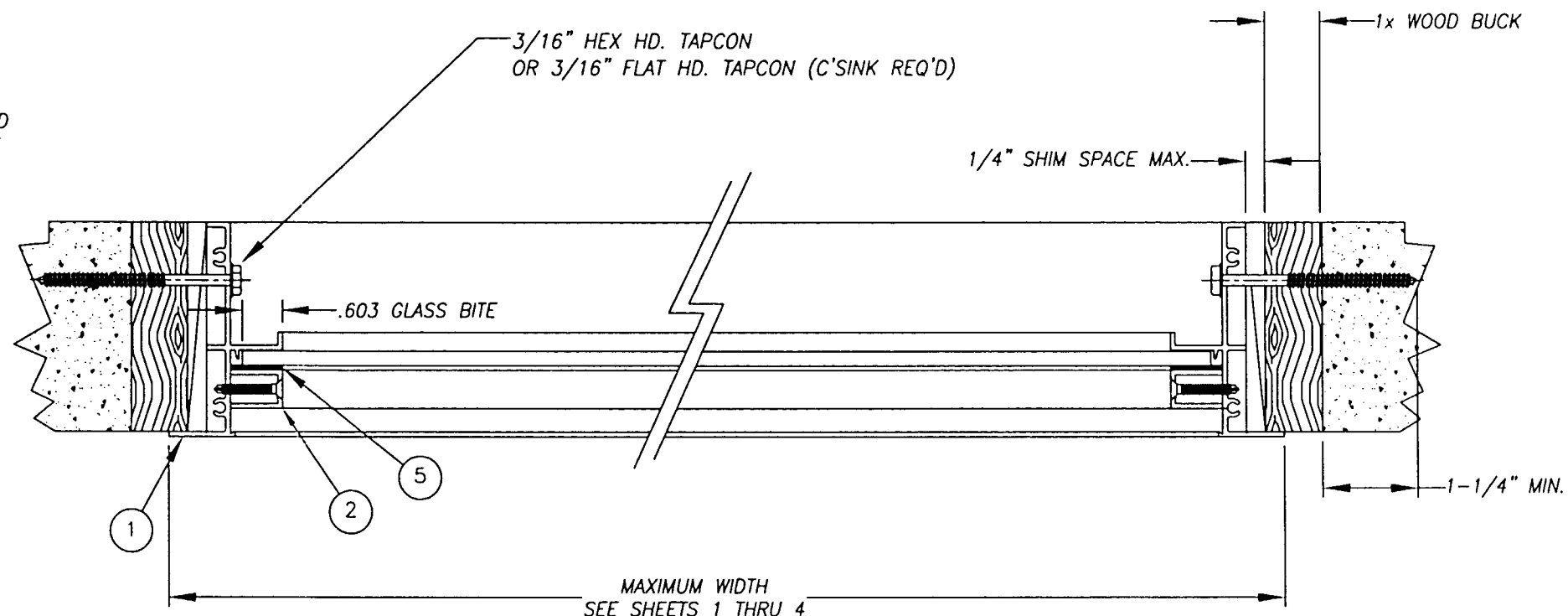
4231

Rev:

C



SECTION A-A
TYPICAL SECTION
& INSTALLATION INTO CONCRETE AT SILL & WOOD AT HEAD



SECTION B-B
TYPICAL SECTION
& ALTERNATE INSTALLATION INTO CONCRETE

NOTES: 1. MAXIMUM OVERALL DIMENSIONS ARE APPLICABLE TO SECTIONED ARCH. SHAPES. ANCHORAGE METHODS ARE APPLICABLE TO ALL SHAPES SHOWN ON SHEETS 1 THROUGH 4 OF 8.

2. REFERENCE TEST REPORTS: FTL-2763, FTL-2780, FTL-2797 & FTL-2816

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 02-0701.07
Expiration Date 09/13/06
By *Manuel S. Perez*
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE SEP 13 2001
BY *Manuel S. Perez*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO 01-0102-01

Robert L. Clark
8/25/01
Robert L. Clark, P.E.
PE #39712
Structural

PGT
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

Series/Model:
PW-701

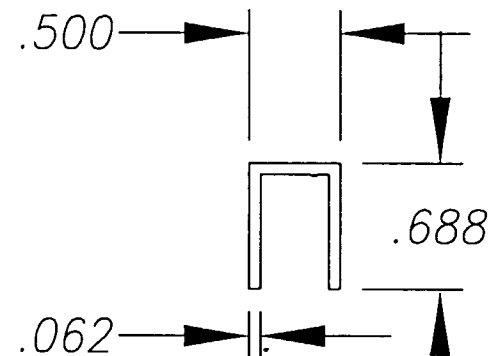
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Sheet:
5 of 8

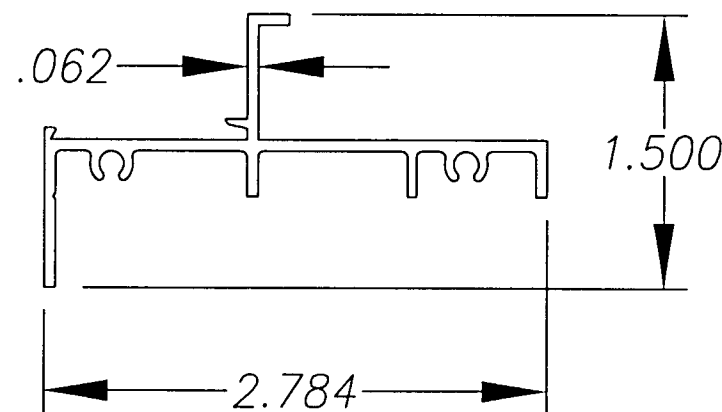
Drawing No.
4231

Rev:
C

Revsd By:	Date:	Revisions:
Drawn By: F.K.	Date: 8/13/01	REDRAWN
Description: SECTIONAL & ANCHORAGE VIEWS		
Title: ALUMINUM FIXED WINDOW		




② PW-701 U-CHANNEL
GLAZING BEAD



① PW-701 FRAME
EXTRUSION

REFERENCE TEST REPORTS: FTL-2763, FTL-2780, FTL-2797 & 2816


Robert L. Clark, P.E.
PE #39712
Structural

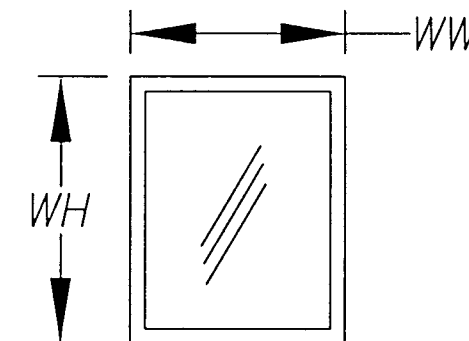
BILL OF MATERIAL

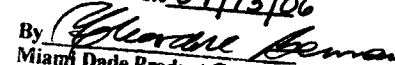
MK.	PART #	DESCRIPTION	VENDOR	VENDOR #
1	612242	FRAME HEAD, SILL & JAMB	6063-T5	AF-12242
2	6533402	U-CHANNEL GLAZING BEAD	6063-T5	AF-533402
3	7834	#8 x 3/4 PN. PH. SMS	SPENCER OR =	
4	62899C/62501C	SILICON BACK BEDDING	DOW/G.E. OR =	
5	61412K	CLOSED CELL FOAM TAPE FOR 3/16 GLASS	TAPE SPECIALISTS OF FL OR =	
6	62BV1510	CLOSED CELL FOAM TAPE FOR 7/16 GLASS	TAPE SPECIALISTS OF FL OR =	
7	6SM55W	SEAM SEALER	SCHNEE/MOREHEAD OR =	SM5504
8		3/16 TEMPERED GLASS	TRIPLE DIAMOND GLASS OR =	
9	SEE NOTE	7/16 LAMI (.187HS/.090/.187HS)	TRIPLE DIAMOND GLASS OR =	
10	7PWSW	#6 x 7/8 FL. PH. TEK	SPENCER OR =	
11	SEE NOTE	7/16 LAMI (.187A/.090/.187A)	TRIPLE DIAMOND GLASS OR =	


NOTE: ITEM 9 & 11 USES DUPONT BUTACITE PVB INTERLAYER

VISIBLE LIGHT CALCULATION

WINDOW WIDTH "TIP TO TIP" - 3.00"
WINDOW HEIGHT "TIP TO TIP" - 3.00"



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 02-0701.02
Expiration Date 09/13/06
By 
Miami Dade Product Control
Division

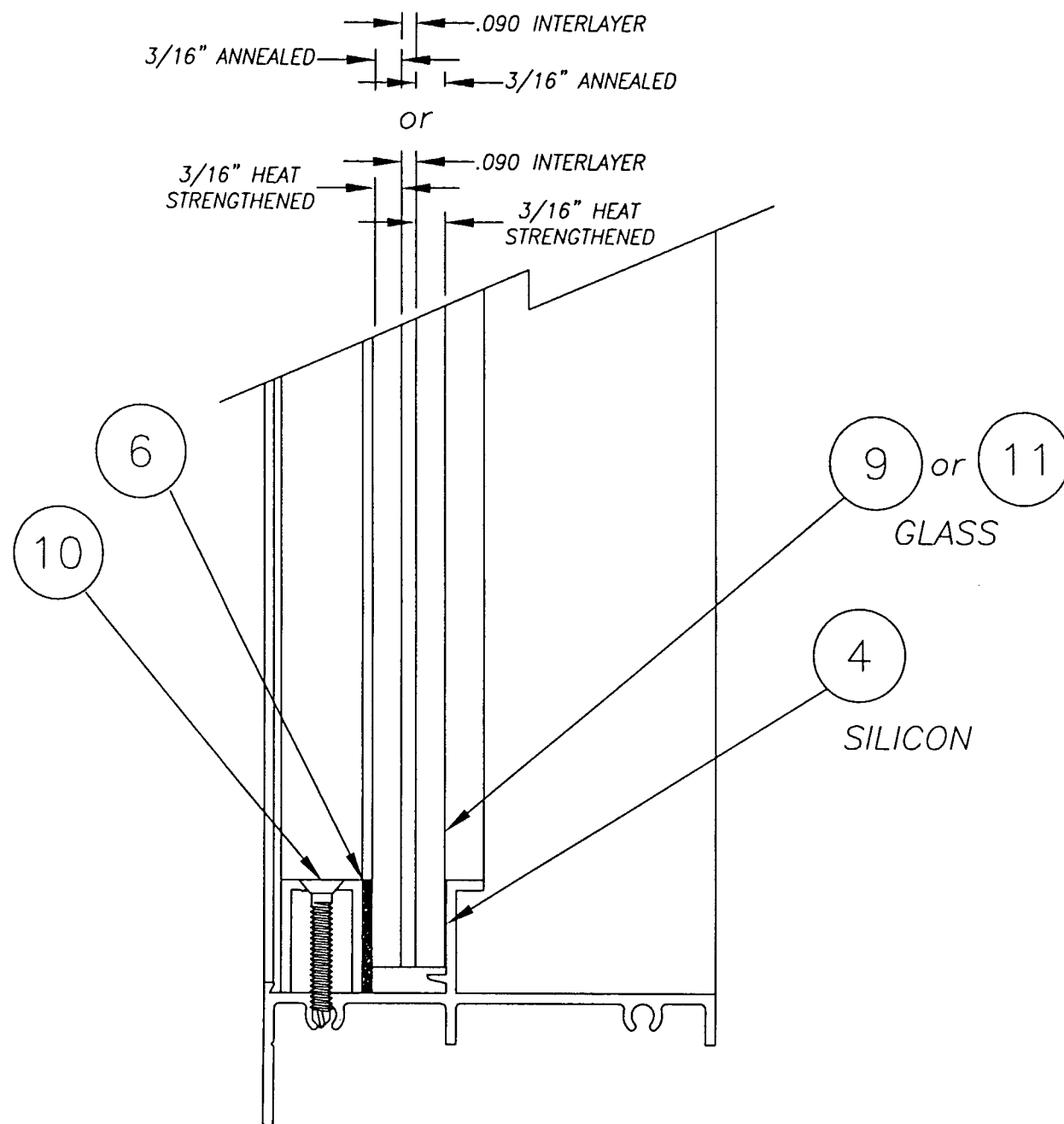
APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE SEP 13 2001
BY 
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0102-01

PGT
INDUSTRIES

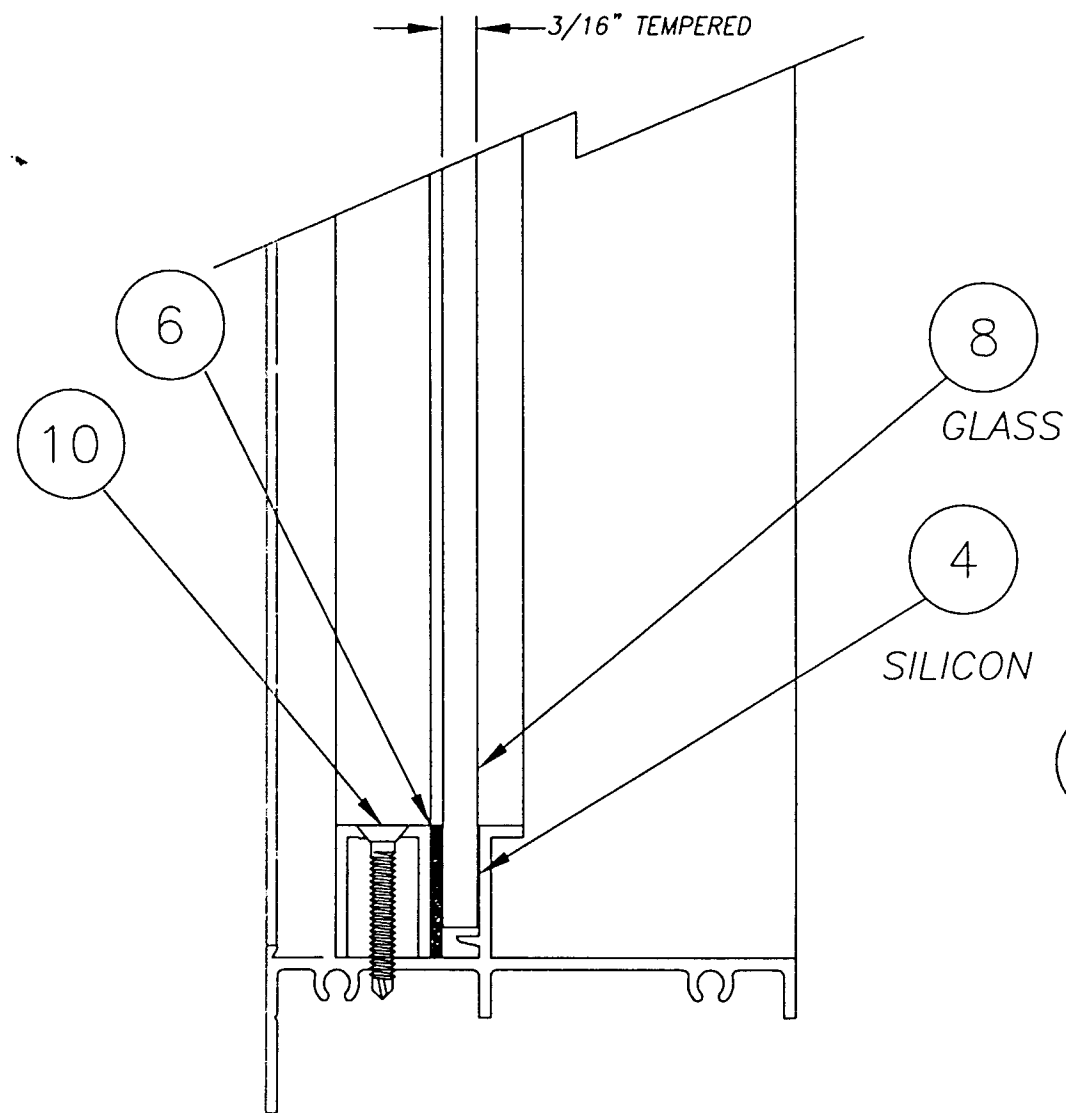
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

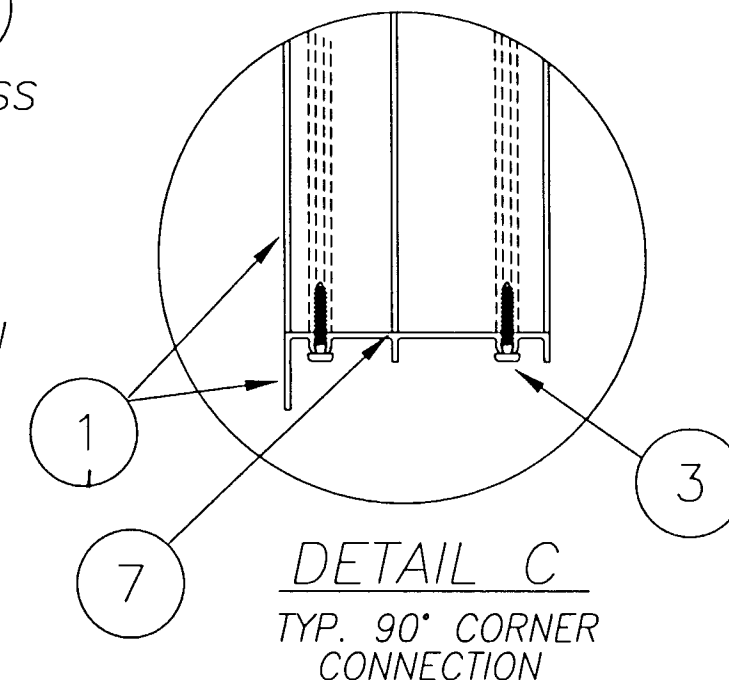
Revsd By:	Date:	Revisions:
Drawn By: F.K.	Date: 8/13/01	REDRAWN
Description:	EXTRUSION PROFILES & B.O.M.	
Title:	ALUMINUM FIXED WINDOW	
Series/Model:	Scale:	Sheet:
PW-701	NTS	6 of 8
Drawing No.	Rev:	
4231	C	



TYPICAL GLAZING DETAIL
7/16" LAMINATED GLASS



TYPICAL GLAZING DETAIL
3/16" TEMPERED GLASS



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 02-0301.07
Expiration Date 09/13/06
By *Glenn Korman*
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE SEP 13 2001
BY *Glenn Korman*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO 01-0102-01

REFERENCE TEST REPORTS: FTL-2763, FTL-2780, FTL-2797 & 2816

Robert L. Clark
8/22/01
Robert L. Clark, P.E.
PE #39712
Structural

**P&G
INDUSTRIES**

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

Series/Model:
PW-701

Scale:
NTS

Sheet:
7 of 8

Drawing No.
4231

Rev:
C

Revsd By:	Date:	Revisions:
Drawn By: F.K.	Date: 8/13/01	REDRAWN
Description: GLAZING & CORNER DETAIL		
Title: ALUMINUM FIXED WINDOW		

3/16" TEMPERED GLASS

NOTES:

- 1.) Negative Design Loads based on Comparative Analysis and Glass Table ASTM E1300.
- 2.) Positive Design Loads based on Comparative Analysis and Water Test Pressure.
- 3.) Numbers are for #12 screws or 3/16" Tapcons.
- 4.) Anchor maximum spacing: 12"

Negative Design Loads

Window Heights	Window Widths								
	19.125	24.000	26.500	37.000	48.000	60.000	97.000	111.000	120.000
26.000	135.00	135.00	135.00	135.00	135.00	135.00	135.00	122.90	112.60
39.000	135.00	135.00	135.00	135.00	135.00	135.00	79.40	70.00	66.10
51.000	135.00	135.00	135.00	135.00	90.60	80.30	77.40	63.00	55.90
60.000	135.00	135.00	135.00	135.00	90.60	58.00	58.00	58.00	57.40

Positive Design Loads


Window Heights	Window Widths								
	19.125	24.000	26.500	37.000	48.000	60.000	97.000	111.000	120.000
26.000	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
39.000	100.00	100.00	100.00	100.00	100.00	100.00	79.40	70.00	66.10
51.000	100.00	100.00	100.00	100.00	90.60	80.30	77.40	63.00	55.90
60.000	100.00	100.00	100.00	100.00	90.60	58.00	58.00	58.00	57.40

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 02-0301.02
Expiration Date 09/13/06
By *Quandre Roman*
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE SEP 13 2001
BY *Yannick Perez*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0102-01

REFERENCE TEST REPORTS: FTL-2763, FTL-2780, & 2816

Robert L. Clark
8/20/01
Robert L. Clark, P.E.
PE #39712
Structural

	Revsd By:	Date:	Revisions:			
	Drawn By: F.K.	Date: 8/13/01	REDRAWN			
	Description: COMPARATIVE ANALYSIS, NON-IMPACT					
	Title: ALUMINUM FIXED WINDOW					
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: PW-701	Scale: NTS	Sheet: 8 of 8	Drawing No. 4231	Rev: C